

SEQUENCE LISTING

SEQ ID NO: 1

aa and nucleic acid sequence of p60 subunit of katanin (see Gen
protein sequence of the *S. purpuratus* katanin p60 subunit (GENBANK AF052191

SEQ ID NO: 2

aa and nucleic acid sequence of p80 subunit of katanin
full-length p80 cDNA (GENBANK accession #AF052433

SEQ ID NO: 3

XKCM1 Seq Info.

MERLVATRLV TGLAVKIMRS NGVIHNAVIT SVMMDRSSVN VEWKEGEANK 50
GKEISFADVI SVNPELDDAV LAPTNVKENH PPQRNVSSON HKRKTISKIP 100
APKEVAAGNS LLESQAQSV LRERSTRMTA IHETLPYENE MEAESTPLPI 150
QQNSVQARSR STKVSIAEEP RLQTRISEIV EESLPSGRNN QGRKSNIVK 200
EMEIQGNKRS EORAQNYERR MGRAQDYDTS VPMWEPGKMI KEFRATMDCH 250
RISMADPAEE HRICVCVRXR PLNKQELSKK EIDIISVPSK NIVLVHEPKL 300
KVDLTXYLEN QAFRDFPSFD ETATNEVVYR FTARPLVQSI FEGGKATCFA 350
YQQTGSGKTH TMGGDFSGKS QNVSKGVYAP ASRDVFLLD QPRYKHLOLD 400
VFVTFEINYN GKVPDLLNKK TKLRVLEDAK QEVQVVGLE KQVISADDFV 450
KMIEIGSACR TSGQTFANTTS SSRSHACLQI ILRSGSKLHG KFSLVDLAGN 500
ERGVDIASAD RITRMKGAEI NRSLALKEC IRALGQNKSH TPERESKLTO 550
TLRDSFIGEN SRTCMIAMLS PGFNSCEYTL NTLRYADRVK ELSPQNAETN 600
DDNLQMEDSG GSHASIEGLQ LQDDFLLADE ELSTHNSFQD ALNRVGELED 650
KAVDELRELV QKEPEWTNLL QHTEQPDYDL ENFVMAEYL IQERSKVLIA 700
LGDSINSLRL ALQVEEQASK QISKGRSNK 730

004027 2222660